

Wisconsin Department of Natural Resources  
Bureau of Watershed Management (WT/3)  
101 S. Webster St.  
Madison, WI 53703  
PO Box 7921  
Madison, WI 53707-7921

# Final Report Form 3400-189 (rev. 7/30/09)

- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

**NOTICE:** This Final Report is authorized under ss. 281.65 and 281.66., Wis. Stats., and chs. NR 153 and NR 155, Wis. Admin. Code. Personally identified information collected will be used for program administration and may be made available to requesters as required under Wisconsin Open Records Law [ss. 19.31-19.39, Wis. Stats.].

**INSTRUCTIONS:** Your grant agreement requires you to submit a Final Report with your final reimbursement request. This Final Report form must be used in conjunction with the "FINAL REPORT INSTRUCTIONS." The instructions detail how to complete and submit the report to DNR as described in the instructions.

## 1. GRANT TYPE Check the one that applies

- ☒ Targeted Runoff Management Grant – Agricultural
- ☐ Urban Nonpoint Source & Storm Water Management Grant – Construction
- ☐ Notice of Discharge Grant

- ☐ Targeted Runoff Management Grant – Urban
- ☐ Urban Nonpoint Source & Storm Water Management Grant – Planning

## 2. PROJECT NAME & LOCATION

2.1. Project Name:

UBE Manure Storage Abandonments

2.3. Governmental Unit Name:

Marathon County

2.2. Grant Number:

TMD-UW18-37000-E08 A

2.4. Primary Watershed Name:

Upper Big Eau Pleine River

2.5. Watershed Code:

CW18

## NOTE FOR SECTION 2.6 (which follows):

**Section 2.6.** Includes five (5) columns (A. through E.) for recording data about five (5) discrete site locations. If your grant has more than five (5) discrete project locations, attach additional columns for Section 2.6 as described in the instructions. If your project occurs in more than one 12-digit Hydrologic Unit Code (HUC), use the space in adjacent columns to record other HUC numbers.

2.6 Site Location(s) →	A	B	C	D	E
Name of Cost-Share Recipient or Governmental Unit	Beery, Daniel	Bornreger, Noah	Busse, Tom	McPherson, Claudia	Schmitt, Bonnie
Cost-Share Agreement Number (Agricultural only)	2008-01	2008-02	2008-03	2008-04	2008-05
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	070700021503	070700021506	070700021503	070700021508	070700021504
Nearest Surface Receiving Water Affected					
Name:	Unnamed	Unnamed	Unnamed	Unnamed	Unnamed
Waterbody Identification Code(s) (WBIC):	5533961	1430100	5534245	1430000	1431400
Nearest Impaired Water Affected					
Name:	Randall Creek	Hamann Creek	Randall Creek	Hamann Creek	Dill Creek
Waterbody Identification Code(s) (WBIC):	1431800	1429900	1431800	1429900	1430700
Pollutants Reduced	Nutrients	Nutrients	Nutrients	Nutrients	Nutrients
Impairments/Impacts Addressed	Groundwater and manure runoff	Groundwater and manure runoff	Groundwater and manure runoff	Groundwater and manure runoff	Groundwater and manure runoff

Find Instructions at <http://dnr.wi.gov/runoff/financial.htm>

Wisconsin Department of Natural Resources  
Bureau of Watershed Management (WT/3)  
101 S. Webster St.  
Madison, WI 53703  
PO Box 7921  
Madison, WI 53707-7921

## Final Report Form 3400-189 (rev. 7/30/09)

- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

Project Location(s) (cont.) →	A.	B.	C.	D.	E.
Project Coordinates:					
Town	29N	28N	29N	28N	28N
Range	3E	3E	3E	4E	2E
Section	23	13	21	29	30
Quarter	NW	SW	SE	NW	SW
Quarter-Quarter	NW	SE	SE	NE	SW
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	N44 59' 13.5"	N44 54' 12.6"	N44 58' 29.4"	N44 53' 11.2"	N44 52' 32.9"
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	W90 7' 0.8"	W90 5' 28.1"	W90 8' 27.0"	W90 3' 31.1"	W90 18' 44.9"

### 3. SUMMARY OF RESULTS

**Table A. Agricultural Projects – Ch. NR 151 Performance Standards and Prohibitions and Other Water Resources Management Priorities**

A.1 Management Measures	Units of Measure	Quantity	Measurement Method Used
Sheet, rill and wind erosion	Acres meeting "T"	acres	
Manure Storage Facilities: New Construction/Alterations	Number of facilities	facilities	
	Number of animal units	animal units	
Manure Storage Facilities: Closure	Number of facilities	8 facilities	Count
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities	7 facilities	Count
	Number of animal units	125 animal units	Animal Unit Calculation prior to abandonment
Clean Water Diversions in WQMA	Pollutant load reduction	lbs.	
	Number of farms with diversions	farms	
	Number animal units	animal units	
Nutrient Management on Agricultural Land	Acres planned	51.5 acres	Count
Prohibition: Manure Storage Overflow	Number of farms	4 farms	Count
	Number of animal units	60 animal units	Animal Unit Calculation prior to abandonment
Prohibition: Unconfined Manure Pile in WQMA	Number of farms	3 farms	Count
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction	100 lbs.	BARNY Model
	Number of facilities	4 facilities	Count
	Number of animal units	60 animal units	
Prohibition: Unlimited Livestock Access	Feet of bank protected	feet	
	Number of farms	farms	

2.6 Site Locations	F.	G.	H.	I.
Name of Cost Share Recipient	Weber, David	Zuelke, Thomas	Zugier, Alvin	Swacker Farms, LLC
Cost Share Agreement Number	2008-06	2008-07	2008-08	2009-01
12 Digit Hydrologic Unit Code (HUC)	070700021507	070700021507	070700021502	070700021505
Nearest surface Receiving Water Affected				
Name	Unnamed	Unnamed	Unnamed	Unnamed
Waterbody Identification Code	5012366	5537989	1433000	5010681
Nearest Impaired Water affected				
Name	Big Eau Pleine River	Big Eau Pleine River	W. Branch Big Eau Pleine River	Big Eau Pleine River
Waterbody Identification Code	1427200	1427200	1432700	1427200
Impairments/Impacts Affected	Groundwater and manure runoff	Groundwater and manure runoff	Groundwater and manure runoff	Groundwater and manure runoff

Project Locations	F.	G.	H.	I.
Project Coordinates:				
Town	27N	27N	29N	29N
Range	3E	3E	2E	2E
Section	12	13	18	24
Quarter	NE	NE	NE	SE
Quarter-Quarter	NE	NW	SE	SW
Latitude	N44 50' 27.3"	N44' 49' 40.5"	N44 59' 54.2"	N44 58' 28.9"
Longitude	W90 4' 50.3"	W90 5' 6.9"	W90 18' 1.9"	W90 12' 22.3"

#### 4. Satisfaction of Notice Requirements

Notice Type	Issue Date	From	TO	Satisfied: Yes or No	Date Satisfaction Letter Sent
Ch. NR 151 Notice	4/2/2007	Micah Oriedo (DNR)	David Weber	Yes	8/11/2008
Ch. NR 151 Notice	3/30/2007	Micah Oriedo (DNR)	Thomas Zuelke	Yes	11/18/2008
Ch. NR 151 Notice	4/2/2007	Micah Oriedo (DNR)	Alvin Zugier	Yes*	9/24/2009
Local Regulation	Personally Informed at site visit	Ken Pozorski	Swacker Farms, LLC (Ray Swacker)	Yes	5/23/2011

\*Manure storage facility is currently being utilized and was never closed. New owner (Richard Reamer) has agreed to local requirements and is meeting NR 151.07, NR 151.08(2), and NR 151.08(4).

Wisconsin Department of Natural Resources  
Bureau of Watershed Management (WT/3)  
101 S. Webster St.  
Madison, WI 53703  
PO Box 7921  
Madison, WI 53707-7921

## Final Report Form 3400-189 (rev. 7/30/09)

- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

Table A: Agricultural Projects (continued)		Units of Measure	Quantity	Measurement Method Used
A.2. Other Management Measures				
Streambank & Shoreline Protection	Units (use feet, acres or number as applicable)			
	Pollutant load reduction (if method available)			
Other:	Units (use feet, acres or number as applicable)			
	Pollutant load reduction (if method available)			
Other:	Units (use feet, acres or number as applicable)			
	Pollutant load reduction (if method available)			
Other:	Units (use feet, acres or number as applicable)			
	Pollutant load reduction (if method available)			

Table B: Urban Construction Projects Serving Developed Areas			
B.1. Required Management Measures	Units of Measure	Quantity	Measurement Method Used
20-40% Total Suspended Solids (TSS) Reduction for NR 216 communities	TSS reduced	lbs.	
	TSS reduction	%	
B.2. Other Management Measures			
20-40% Reduction in TSS for non-NR 216 communities	TSS reduced	lbs.	
	TSS reduction	%	
Infiltration	Pre-development stay-on volume	%	
	Stay-on volume	ft <sup>3</sup> /year	
Peak flow discharge for 2 year/24 hour design storm	Change in cubic feet per second for design year	ft <sup>3</sup> /sec	
Protective areas	Bank protected	feet	
Fueling & maintenance areas	Oily sheen presence reduced	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Streambank & Shoreline Protection	Bank erosion reduced	tons	
	Bank protected	feet	
Other:	Pollutant load reduction (if method available)		
	Units (use feet, acres or number as applicable)		

Table C: Urban Planning Projects			
C.1. Governmental unit(s) involved (list by name):			
C.2. Estimate total acres covered by the	Existing Developed Urban Areas	New Development	Total Acres

Wisconsin Department of Natural Resources  
Bureau of Watershed Management (WT/3)  
101 S. Webster St.  
Madison, WI 53703  
PO Box 7921  
Madison, WI 53707-7921

## Final Report Form 3400-189 (rev. 7/30/09)

- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

planning product:	acres	acres	acres
-------------------	-------	-------	-------

<b>C.3. Products developed</b> (check all below that apply)	<b>Identify Documents by Name (if applicable)</b>
<input type="checkbox"/> Storm Water Plan	
<input type="checkbox"/> Construction or Erosion Ordinances	
<input type="checkbox"/> Post-construction Storm Water Ordinances	
<input type="checkbox"/> Other Types of Storm Water Quality Ordinances	
<input type="checkbox"/> Financing Methods: identified and evaluated	
<input type="checkbox"/> Financing Methods: developed or implemented	
<input type="checkbox"/> I & E Plan	
<input type="checkbox"/> I & E Implementation Activities	
<input type="checkbox"/> Other:	
<b>C.4. Identify the Storm Water goals addressed</b> (check all that apply)	
<input type="checkbox"/> Reduce TSS	<b>Comments:</b>
<input type="checkbox"/> Maintain Infiltration	
<input type="checkbox"/> Control Peak Flow	
<input type="checkbox"/> Protective Areas	
<input type="checkbox"/> Control of Fueling & Maintenance Areas	
<input type="checkbox"/> Remove Illicit Discharges	
<input type="checkbox"/> Other:	

### 4. Satisfaction of Notice Requirements. If cost sharing for this project was offered under a formal notice pursuant to chs. NR 151 or 243, provide information for each notice in the table below.

Notice Information				Notice Satisfaction Information		
Chs. NR 151 or 243 Notice Type	Issue Date	From (Name)	To (Name)	Satisfied?		Date Letter Sent
				Yes	No	
Ch. NR 151 Notice	4/2/2007	Micah Oriedo, DNR	Dan Beery	<input checked="" type="checkbox"/>	<input type="checkbox"/>	11/18/2008
Ch. NR 151 Notice	3/30/2007	Micah Oriedo, DNR	Noah Bornreger	<input checked="" type="checkbox"/>	<input type="checkbox"/>	11/18/2008
Ch. NR 151 Notice	3/30/2007	Micah Oriedo, DNR	Tom Busse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8/24/2009
Ch. NR 151 Notice	3/30/2007	Micah Oriedo, DNR	Claudia McPherson	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8/11/2008

Wisconsin Department of Natural Resources  
Bureau of Watershed Management (WT/3)  
101 S. Webster St.  
Madison, WI 53703  
PO Box 7921  
Madison, WI 53707-7921

**Final Report Form 3400-189** (rev. 7/30/09)

- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

**5. Additional Information.** (Space will expand to fit your text.)

**6. Summary of Project Challenges.** (Space will expand to fit your text.)

The only problem this project had was one of the idle farmstead with a manure storage facility was sold near the deadline of the grant period, and was turned back into an active dairy. The dairy facility needed to utilize the existing manure storage facility as well. The new landowner agreed to have a Nutrient Management developed for the farm. The problem the County had near the end of the grant period was to find another landowner in the Big Eau Pleine Watershed who had an idle storage facility and willing to close the facility in a short period. A landowner was identified and willing to close the structure. However, because of the short timeline, the County needed to request an extension for the grant period. The grant period was extended an additional year. Because of various reasons, the new landowner waited to close the storage facility near the end of the extended time period. At the time he started to emptying the facility, extremely wet weather set in and was apparent that the closure of the facility would not be accomplished in the extended grant period. Therefore, another extension request needed to be made. The County is fortunate to receive the 2<sup>nd</sup> extension and the landowner was able to complete the closure by July of 2011.

**7. Grantee Certification.**

Checking here ☒ certifies that, to the best of your knowledge, the information contained in this report is correct.

Name of Authorized Representative (type or print) ↓

James Burgener

Title of Authorized Representative (type or print) ↓

Director of Conservation Planning & Zoning

Signature of Authorized Representative

Date

8/29/11

**8. For Departmental Use Only.**

Regional NPS Coordinator – Please complete the following:

8.A. Check here ☐ If you have received the following from the project sponsor:

- one (1) printed, signed, original Final Report + attachments
- one (1) electronic version of Final Report

Send the printed, signed original Final Report with attachments + electronic version to the Community Financial Assistance Grants Manager. Community Financial Assistance will forward to Runoff Management Section Grants Coordinator.

Wisconsin Department of Natural Resources  
Bureau of Watershed Management (WT/3)  
101 S. Webster St.  
Madison, WI 53703  
PO Box 7921  
Madison, WI 53707-7921

**Final Report Form 3400-189** (rev. 7/30/09)

- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

8.B. Comments about this project:

8.C. Type or print Name of Regional NPS Coordinator →

8.D. Signature of Regional NPS Coordinator

8.E. Date